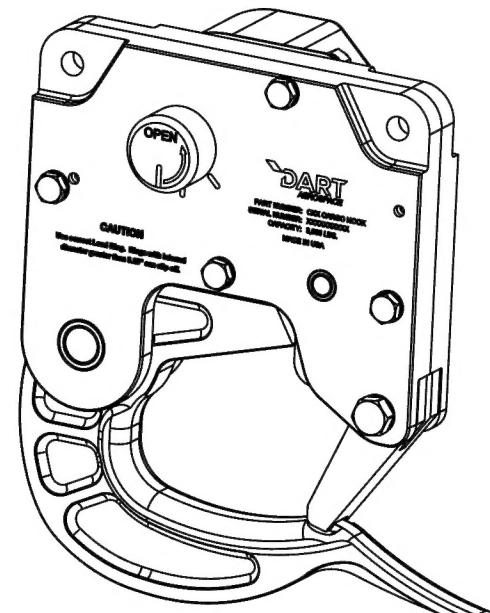
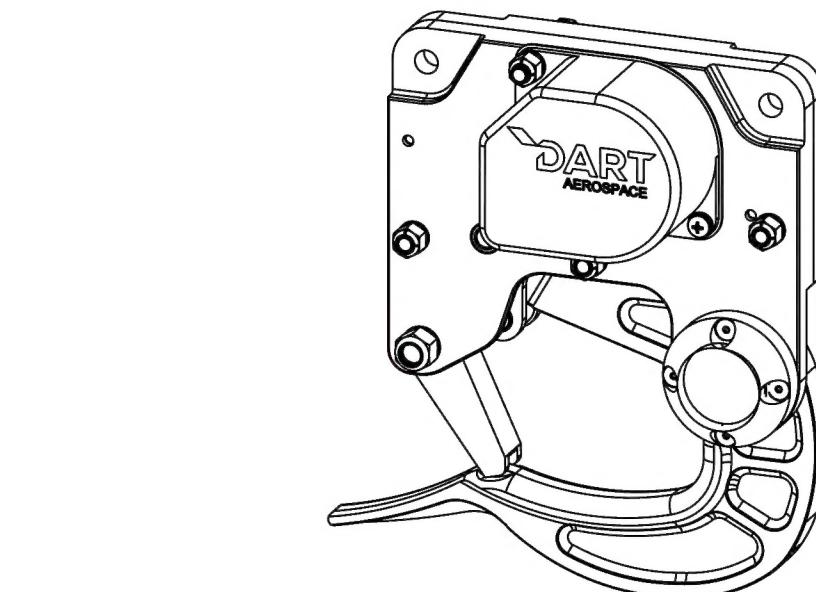


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# SEE ATTACHED DEVIATION

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			C2-1-1	1	MANUAL RELEASE KNOB	6061-T6		2
	B/O	C2-3-1		2	BEARING DU	BRONZE	(KAMAN #06DU04)	3
			C2-3-2	1	LATCH ROLLER PIN	4340		3
	B/O	C2-3-2-1		2	RETAING RING	STEEL	Ø5/16 (KAMAN #1400-0031)	3
			C2-3-3	1	LATCH ROLLER	4140/4142		3
			C2-3-3-1	1	LATCH ROLLER DU BEARING	BRONZE		3
	B/O	C2-3-5		2	SPACER	NYLON	(MCMASTER-CARR #95606A140)	3
			C2-3-6	1	LATCH	SS 17-4PH		3
			C2-3-8	2	ACTUATOR BUSHING	SINTERED BRONZE	Ø3/4 X 5/8 (KAMAN #SS-1824-20) MODIFIED	3
			C2-3-10	1	LATCH SHAFT	4140/4142		3
			C2-3-11	1	ACTUATOR	SS 17-4PH		3
	B/O	C2-5-1		1	ACTUATOR STOP, DOWEL	STEEL	Ø3/16 X 7/8 (MCMASTER-CARR #90145A509)	2
	B/O	C2-10-1		1	SPRING PIN	S.S.	Ø1/8 X 7/8 (MCMASTER-CARR #92373A182)	2
	B/O	C2-11-2		2	LOCATING PIN	S.S.	Ø3/16 X 1 (MCMASTER-CARR #90145A510)	2
	B/O	C2-14-2		2	LABEL RIVETS	18-8 S.S.	NO 4 (MCMASTER-CARR #91654A106)	N/S
			C3-2-1	1	SIDE PLATE	6061-T6		2
			C3-3-4	2	LINK PIN	DRILL ROD		3
	B/O	C3-3-4-1		4	RETAINING RING	STEEL	Ø1/8 (KAMAN #5100-0012SPP)	3
			C3-3-7	1	LINK	O1		3
	B/O	C3-3-9		1	ACTUATOR SPRING	SS 304 WIRE	Ø.047 X 8 DENDOFF	3
			C3-4-1	2	LOAD BEAM BUSHING	AL-BRONZE		2
			C3-4-4A	1	LOAD BEAM ASEMBLY			2
			C3-7-1	1	LOAD BEAM BUMPER	POLYURETHANE		2
			C3-7-2	2	LOCK BUMPER	POLYURETHANE		2
			C3-8-2	1	SOLENOID ASSEMBLY			2
			C3-8-4	1	SOLENOID COVER GASKET	GASKET PAPER		2
			C3-8-5	1	SOLENOID COVER	6061-T6		2
			C3-9-1	1	CLOCK SPRING COVER	6061-T6		2
	B/O	C3-9-2		1	CLOCK SPRING	SS 301	DENDOFF	2
			C3-10-2	1	LOCK SPRING	S.S.		3
			C3-11-1	1	SIDE PLATE-SOLENOID SIDE	6061-T6		2
			C3-12-1	2	LOCK BUSHING	4140/4142		3
			C3-12-2	1	LOCK SHAFT	4140/4142		3
			C3-12-3	1	LOCK	4140/4142		3
			C3-12-4	1	LOCK ROLLER	4140/4142		3
			C3-12-5	1	LOCK ROLLER PIN	4140/4142		3
	B/O	C3-12-6		2	LOCK ROLLER RETAINING RING	STEEL	Ø 3/8 (KAMAN #5100-0037-SPP)	3
	B/O	C3-13-1		2	KEEPER DU-BEARING BUSHING	BRONZE	(KAMAN #06FDU04)	2
			C3-13-4	1	KEEPER	4140/4142		2
	B/O	C3-13-5		1	KEEPER SPRING	303 S.S.	DENDOFF	2
	B/O	CORD GRIP		1	CORD GRIP	BRASS	M8-x 1.25 (MCMASTER-CARR #8183K6)	2
	B/O	EL-PLUG-M		1	MALE PLUG	PE High Density	(MCMASTER-CARR #7216K5)	2
	B/O	M27500-16TG2T14		1	WIRE	16 GA SHIELDED WIRE	1 FOOT (AIRCRAFT SPRUCE MIL-C-27500 11-14416)	2
		600.1309		1	LABEL	ALUMINUM		N/S
		600.1309-A		1	LABEL	ALUMINUM		N/S
	B/O	600.1313		1	CAUTION STICKER	VINYL	(SIGNS NOW)	N/S
	B/O	188-FSCS-832-5/8		4	CLOCK SPRING COVER SCREW	S.S.	8-32 X 5/8 (MCMASTER-CARR #92210A196)	2
	B/O	188-FPSS-1032-1/4		2	SET SCREW	S.S.	10-32 X 1/4 (MCMASTER-CARR #94355A330)	2
	B/O	AN4-16A		3	SCREW	STEEL	1/4-28 X 1-7/8	2
	B/O	AN4-17A		1	SCREW	STEEL	1/4-28 X 1-29/32	2
	B/O	AN6-15A		1	KEEPER SHAFT BOLT	STEEL	3/8-24 X 1.703	2
	B/O	AN960-10		1	WASHER	WASHER	#10	2
	B/O	AN960-10L		2	WASHER	STEEL	#10	2
	B/O	AN960-416		8	WASHER	STEEL	Ø1/4	2
	B/O	AN960-616L		2	KEEPER WASHER, LOW PROFILE	STEEL	Ø3/8	2
	B/O	MS21044N4		4	LOCKNUT	STEEL	1/4-28	2
	B/O	MS21083N3		2	SELF-LOCKING NUT	STEEL	#10-32	2
	B/O	MS21083N6		1	KEEPER NUT	STEEL	3/8-24	2
	B/O	MS35266-63		1	SOLENOID COVER SCREW	S.S.	#10-32 X 7/8	2
	B/O	32446		2	22-16 AWG KNIFE CONNECTOR		(ALLIED ELECTRONICS 32446)	2
	B/O			1	HEAT SHRINK TUBE	RUBBER	(MCMASTER-CARR #2595K22)	N/S

REVISONS			
REV	ECR	DESCRIPTION	DATE
1	14-0200	UPDATED TO NEW DRAFTING STANDARDS. CH'D P/N'S TO AN & MS NUMBERS.	10/29/2014
2	15-0248	C2-1-2 REPLACED W/ 188-FPSS-1032-1/4. C3-9-3 REPLACED W/ 188-FSCS-832-5/8. ADDED ENGRAVING NOTES & DETAILS.	8/27/2015



**DART**  
AEROSPACE

**C3 HOOK ASSY**

DWG NO. **C3** REV **2**

MAT'L DRAWN BY:

UNLESS OTHERWISE SPECIFIED APPROVED **D. Weil**

DIMENSIONS ARE IN INCHES FRACTIONS ± 1/8

.XX ± .005 .XX ± .01 HEAT TREAT

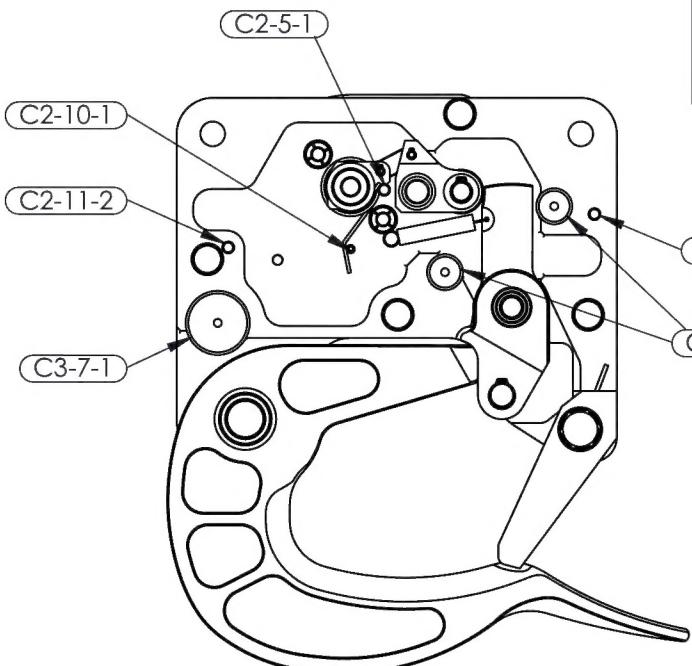
.X ± .1 FINISH

1. BREAK ALL SHARP EDGES .015 x 45° SPEC

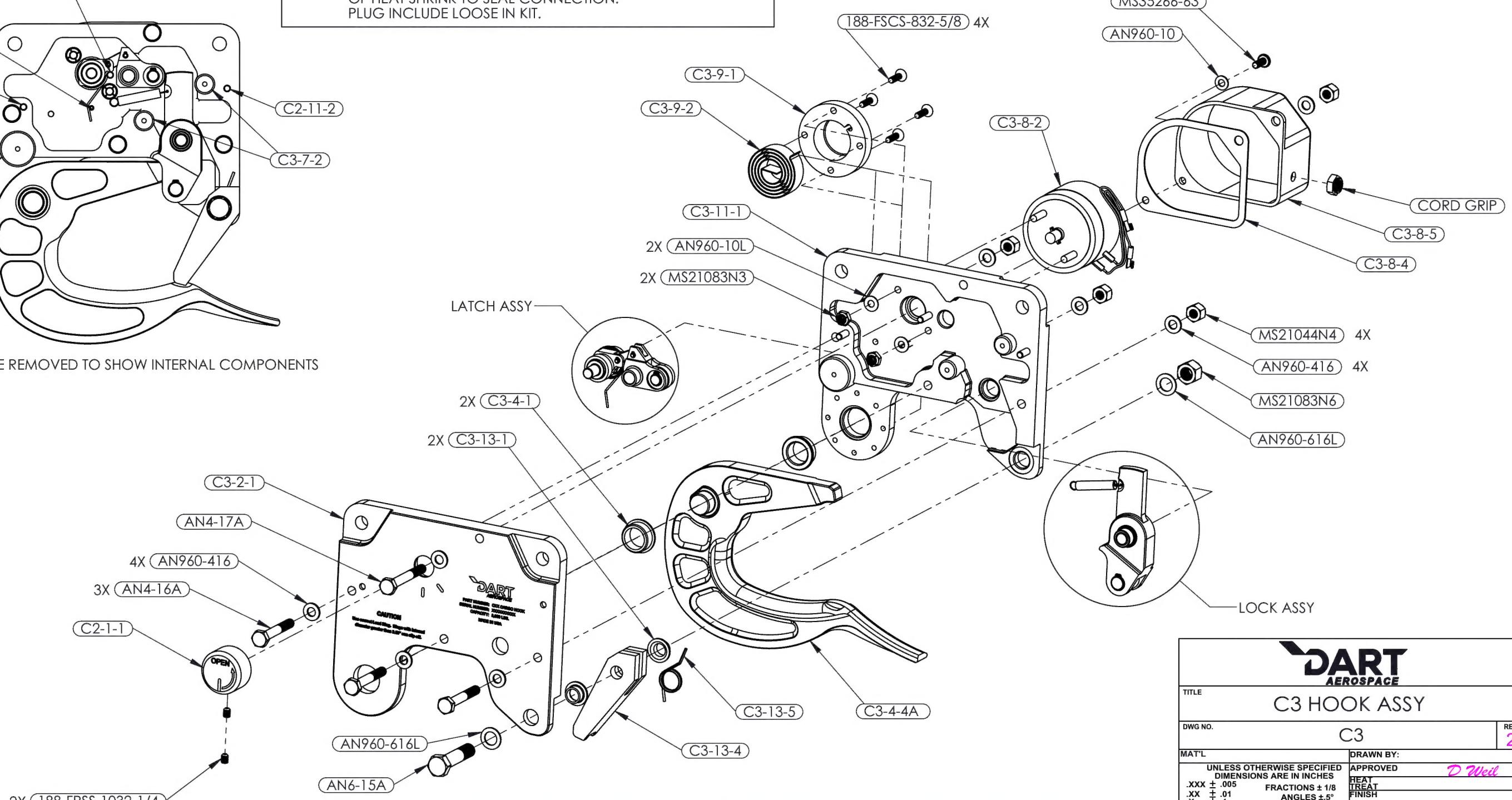
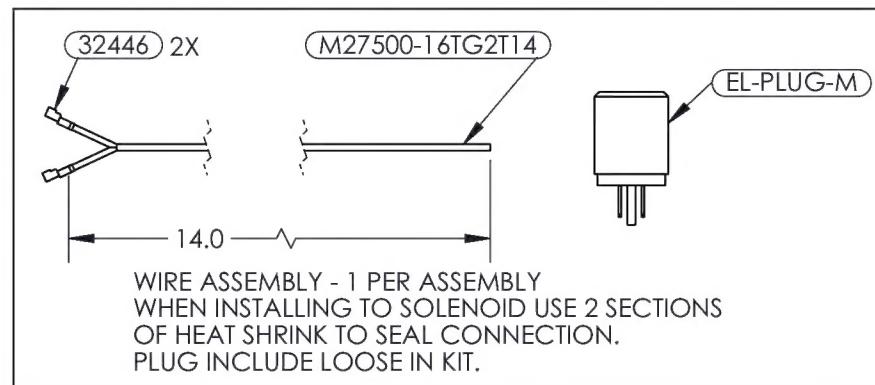
OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL

SCALE 1:3 DATE SHEET 1 OF 3

NOTE:  
 FOR REBUILD ONLY.  
 FOR CUSTOMER REBUILD ONLY.



SIDE PLATE REMOVED TO SHOW INTERNAL COMPONENTS



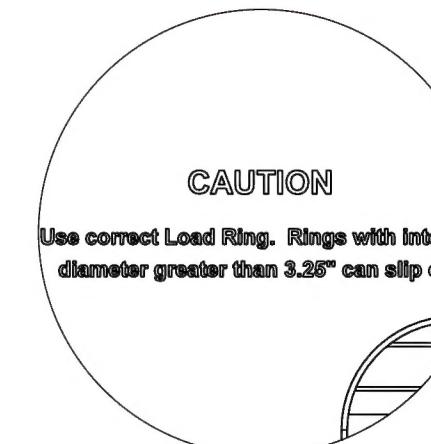
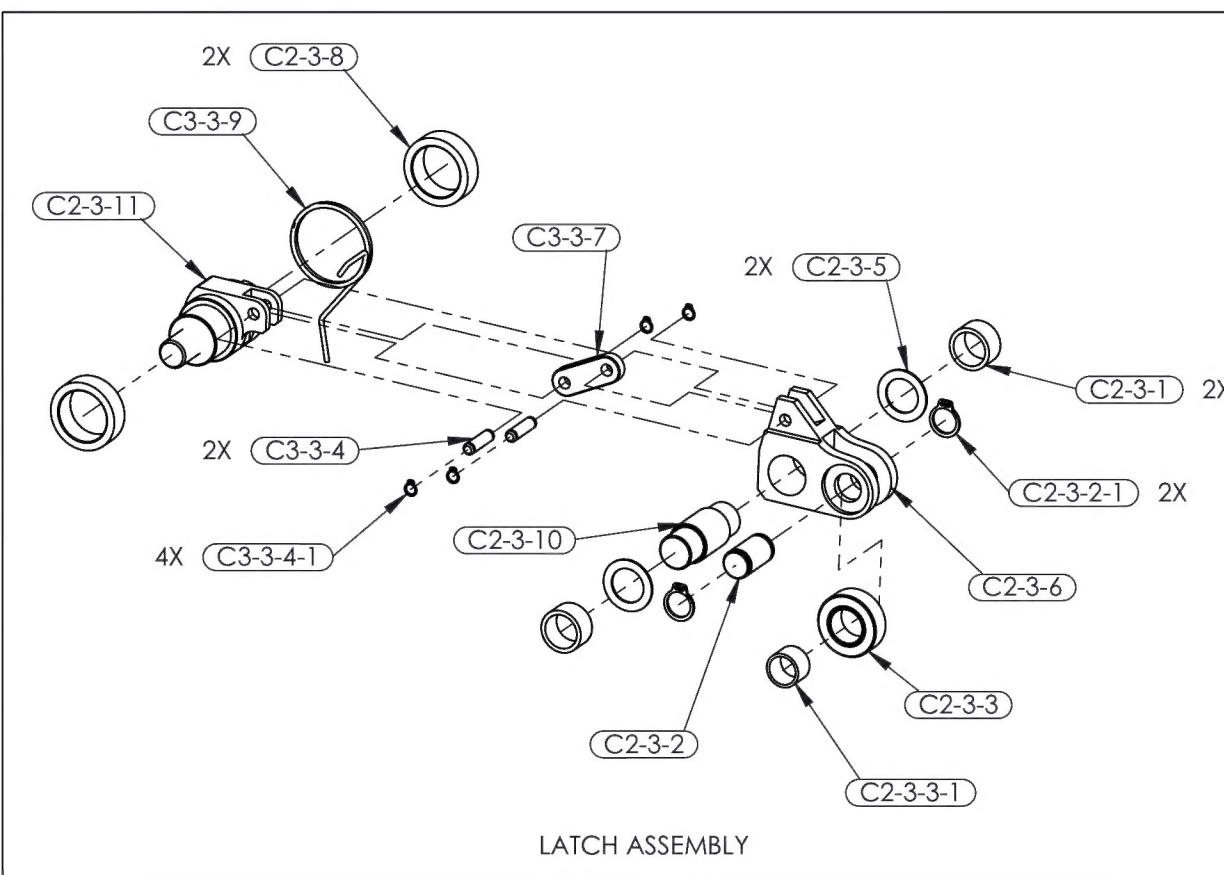
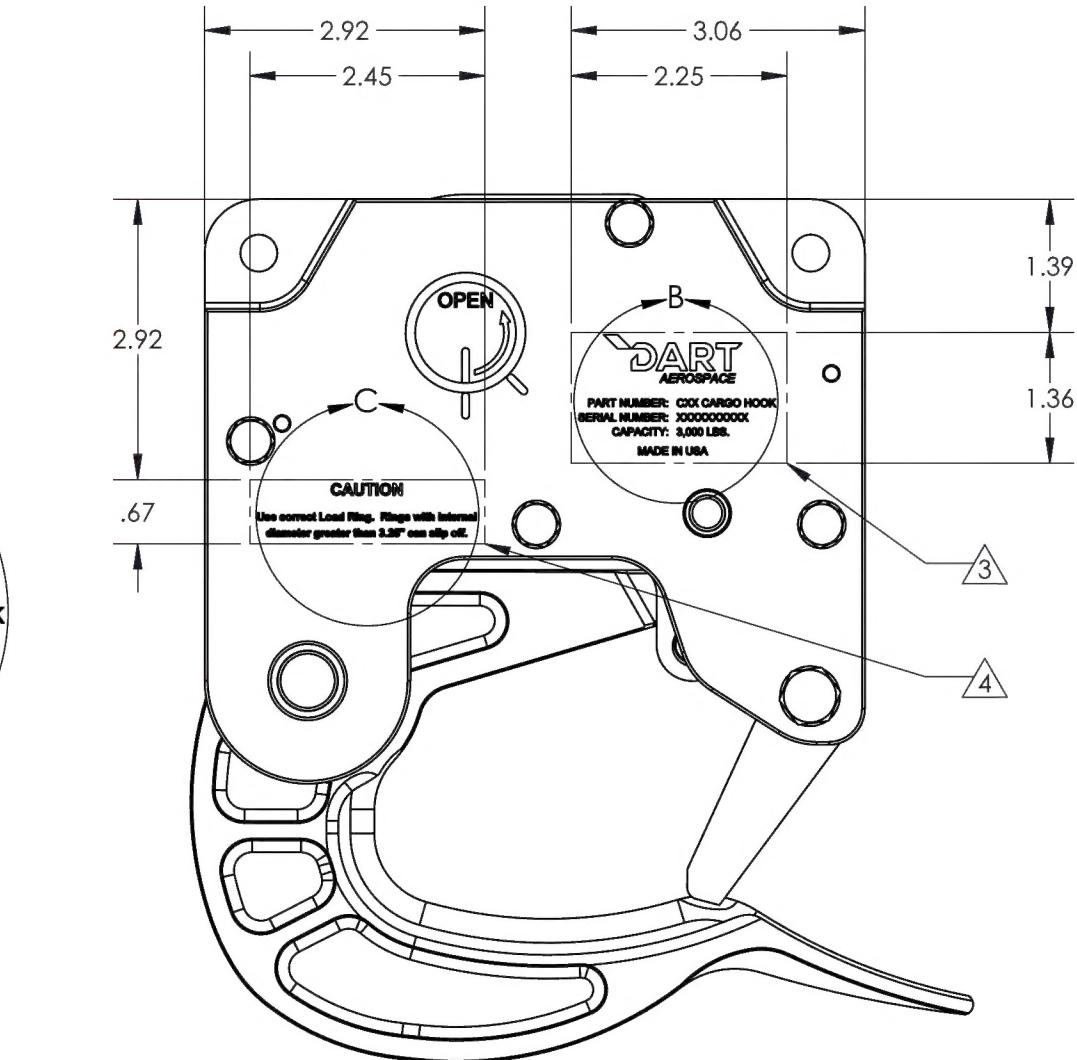
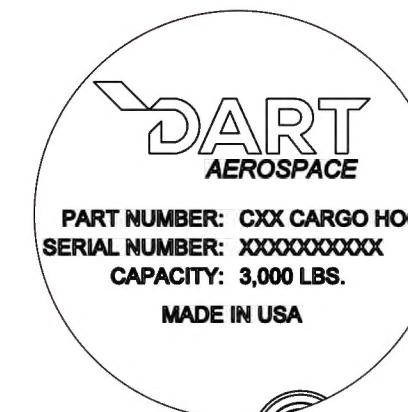
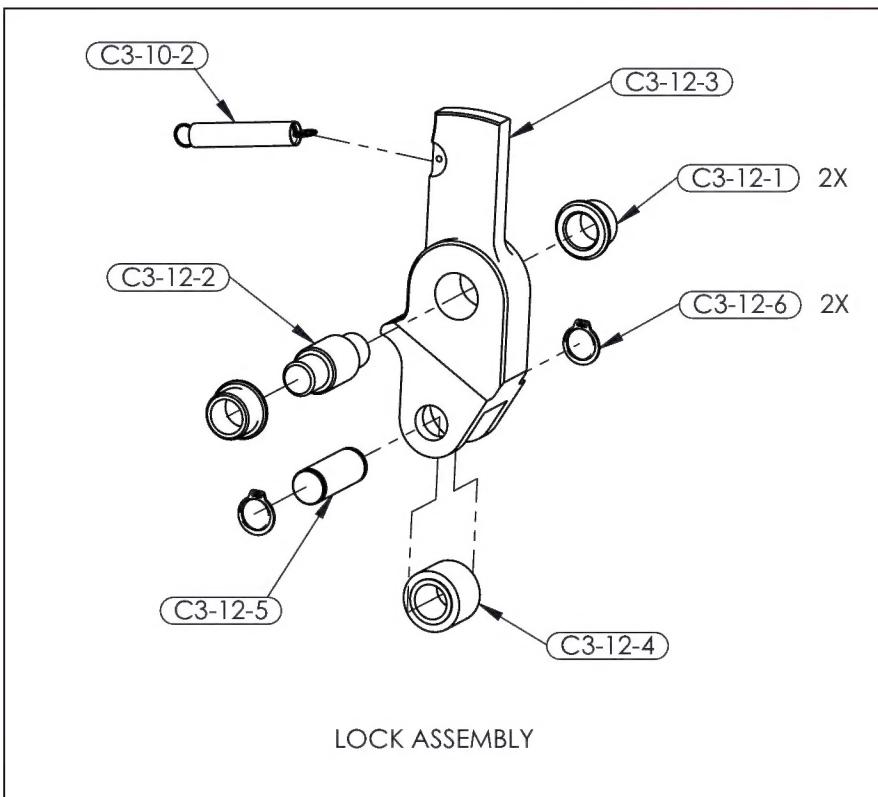
**SEE ATTACHED DEVIATION**

DART AEROSPACE	
TITLE: C3 HOOK ASSY	
DWG NO.	REV: 2
C3	
MAT'L:	DRAWN BY:
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± .5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
APPROVED: D. Weil	
HEAT TREAT	
FINISH	
SPEC	
USED ON MODEL	
SCALE: 1:3	DATE:
SHEET 2 OF 3	

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# SEE ATTACHED DEVIATION

REV		ECR	DESCRIPTION		DATE	INITIAL	APPROVED
2	15-0248		ADDED ENGRAVING NOTES & DETAILS.		8/27/2015	DPD	JAG



DETAIL C  
SCALE 1 : 1

NOTES:  
 3 LASER ENGRAVE DART LOGO, P/N, S/N, "MADE IN USA," WITHIN BOUNDARY.  
 4 LASER ENGRAVE CAUTION NOTE WITHIN BOUNDARY.

<b>DART</b> AEROSPACE	
TITLE C3 HOOK ASSY	
DWG NO.	REV 2
C3	
MAT'L	DRAWN BY:
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
APPROVED	D Weil
HEAT TREAT	
FINISH	
SPEC	
USED ON MODEL	
SCALE 1:2	DATE
SHEET 3 OF 3	

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No.

Route update only 

Job: _____  Part No. C series hooks and SWA Swivels	<b>DISPOSITION</b> <input type="checkbox"/> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is	<b>DEPARTMENT/PROCESS</b> <input type="checkbox"/> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Eng. (Non-AW) <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging		
Date : _____	Sequence #: _____	QTY Affected : _____	MRB (QSI042) May, 9 2019  Completed By	
Description Work Order Deviation	Disposition			
<p>The electrical wires listed under "Acceptable Alternate Wire" on the attached sheet are acceptable to use in place of the "Drawing Specified Wire"</p>	<p>This deviation is acceptable.</p> <p>No change to fit form or function.</p> <p>The job route must specify the wire that is called out on the drawing</p> <p>The inventory P/N must reflect the same P/N that was received from a vendor</p>			
				Lead hand / Supervisor
				QC / QA Coordinator
Root Cause	FAULT CATEGORY			
Operator <input type="checkbox"/> Manufacturing Process <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Handling/Preservation <input type="checkbox"/> Material <input type="checkbox"/> Product Improvement <input checked="" type="checkbox"/> Process Improvement <input type="checkbox"/> Human Factors <input type="checkbox"/>	Pressure/Forced Bending Crushing Cracks Crimp/Kink/Ripple/Wave/Twist Marks/Chatter Mislabeled  Other/Details: _____	Contamination Misaligned/off center BOM/Route Broken/Damage/Defect Incomplete/Unclear Instructions Drill Holes Fit/Function	Power Loss/Surge Folio/Program Grain Direction Weld Wrong Stock Pulled Out of Sequence Off-set/Set-up	Positioned Wrong Outside Tolerance Drawing Finish Part Lost/Missing Misread

<b>P/N</b>	<b>Revision</b>	<b>Drawing Specified Wire</b>	<b>Acceptable Alternate Wire</b>
C2	2	MIL-C-27500 11-14416	N/A
C3	2	MIL-C-27500 11-14417	N/A
C10	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C15	2	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C20	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C45	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C60	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C250	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-2	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-3	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-4	3	EL 414-ARTIC 4/14	Texcan 01121-744A5
SWA6A-2	E	Texcan 01121-724AM	N/A
SWA6A-3	E	Texcan 01121-734A5 or 01004-08-047	N/A
SWA6A-4	E	Texcan 01121-744A5	N/A
SWA6A-6	E	Texcan 04121-764A5	N/A
SWA6A-8	E	Texcan 12701-08-014 or McMaster 7081K38	N/A
SWA10A-2	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA10A-3	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA10A-4	3	EL 414 ARTIC 4/14	Texcan 01121-744A5
SWA10A-6	3	EL 616 ARTIC	Texcan 04121-764A5
SWA10A-8	3	Polar Wire 30806	Texcan 12701-08-014 or McMaster 7081K38
SWA15A-2	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA15A-3	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA15A-4	1	EL 414 ARTIC 4/14	Texcan 01121-744A5
SWA15A-6	1	EL 616 ARTIC	Texcan 04121-764A5
SWA15A-8	1	EL 816 ARTIC	Texcan 12701-08-014 or McMaster 7081K38
SAW25A-2	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SAW25A-3	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SAW25A-4	1	EL 414 ARTIC 4/14	Texcan 01121-744A5
SAW25A-6	1	EL 616 ARTIC	Texcan 04121-764A5
SAW25A-8	1	EL 816 ARTIC	Texcan 12701-08-014 or McMaster 7081K38